

This document was generated on 08/27/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [53047-1510](#) **PLU020709**  
**Status:** **Active**  
**Overview:** [PicoBlade™ Connector System](#)  
**Description:** 1.25mm Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 15 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-53047-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51021-010 (PDF)</a>	

**Agency Certification**

UL	E29179
----	--------

**General**

Product Family	PCB Headers
Series	<a href="#">53047</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">PicoBlade™ Connector System</a>
Product Name	PicoBlade™
UPC	800753565890

**Physical**

Breakaway	No
Circuits (Loaded)	15
Circuits (maximum)	15
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	5.20mm
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	289.200/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Packaging Type	Tray
Pitch - Mating Interface	1.25mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	125V

**Material Info**

image - Reference only

Series

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series  
[53047Series](#)

Mates With  
[51021 PicoBlade™ Wire-to-Wire](#)